

From owner-qrp-1@Lehigh.EDU Wed Aug 21 23:12:25 1996
From: Steve Miller <kg7pv@teleport.com>
Subject: [2966] 30 meter portable
Message-ID: <1.5.4.32.19960821185553.00667f74@mail.teleport.com>

Will be portable for the next few days (Thurs - Sat) on 30 meters from near Mt Adams in central Washington State. Will be using the OHR Spirit and as high a dipole as the trees allow. Hope to hear some of you folks. 72

Steve Miller (CN-85) Norcal #308 QRP-L #109 ARCI # 9230
Oak Hills Spirit II es dipole

KG7PV TMPS 1996 Qs=38 States=16 Confirmed=0 Dx=05
AK AZ CA CO KS NC MT NE NM PA SD TX UT VA WV WY
JA JW OZ VE7 ZL2

From owner-qrp-1@Lehigh.EDU Wed Aug 21 23:12:25 1996
From: "Dan Reynolds" <bcdlr@midwest.net>
Subject: [2997] 78xx VR's max. voltage
Message-ID: <199608220145.UAA26647@cdale1.midwest.net>

What is the max. voltage(s) for 7800 series voltage regulators, e.g. 7805 and 7812? That is the voltage into the regulator.....

Dan Reynolds - Technology Coordinator
Lutheran School Association of Decatur, IL
ham radio: KB9JLO packet: KB9JLO@N9KGZ.#CIL.IL.USA.NOAM
web: <http://www.midwest.net/orgs/lsa/>
email: bcdlr@midwest.net or lsa@midwest.net

From owner-qrp-1@Lehigh.EDU Wed Aug 21 23:12:25 1996
From: kd7s@psnw.com (Bill Jones)
Subject: [2995] A Better Audio Filter for QRP Rigs
Message-ID: <199608220116.SAA18717@sierra.psnw.com>

In a recent post, Michael, VE3WMB, said (in part)

>I am considering installing a CW audio filter in my 30M OHR Sprint II
>(great little radio, sensitive but I can hear most of the band all at the same
>time!!) and noticed that FAR Circuits has PCB for a filter
>listed as "ARRL W1FB QRP NOTEBOOK 1991 ACTIVE CW FILTER FIG. 3-22".

If anyone is considering building a conventional active audio filter using

op-amps, I'd like to suggest a better approach. I have been working with the MAXIM MAX297 switched capacitor audio filter IC and the results are absolutely amazing.

The MAX297 is an 8th-order, elliptic lowpass filter in an 8-pin DIP package. You can set the cut-off frequency from 0.1 Hz to 50 kHz with a single capacitor. Now, here's the good part. The spec sheet says, "The MAX297's 1.5 transition ratio provides sharp rolloff and -80dB of stopband rejection." Or, to put it another way, If you set the cut-off frequency to, say, 1,000 Hz, signals at 1,500 Hz and higher will be about 80 dB down.

The '297 can be powered from a single +5V supply or dual +/- 5V supplies. It cannot be run directly from 12-13.8 volts, however. The spec sheet shows a simple two-resistor, two-capacitor voltage divider scheme for single supply operation. The single-unit cost for the MAX297 is around \$6.50 from DigiKey. MAXIM also has Butterworth and Bessel filter chips for around the same price but I've not experimented with them yet.

Disclaimer: I have no financial interests in either MAXIM or DigiKey.

=====
Bill Jones - KD7S <><
Sanger, California
Reply to kd7s@psnw.com
=====

From owner-qrp-1@Lehigh.EDU Wed Aug 21 23:12:25 1996
From: "MIKE HERR" <mike_herr@imgw.chinalake.navy.mil>
Subject: [2964] Another QRP backpacking tri
Message-ID: <n1371498572.48748@imgw.chinalake.navy.mil>

Hello gang,

A couple of local hams and qrpers are heading for the mountains. Arun (WC6V) and Jan (KC6UTH) will be taking a backpacking trip into the Sierras from 22-27 August. We will be taking Arun's NorCal 40 and an antenna built by Mike, WA6ARA. We hope to be operating by around 7pm PDT around 7.040 every night. They will also attempt to be on the air for the = WSN QRP net on Saturday morning. Should be fun, so if you hear them = please give them a shout!

72

Mike WA6ARA

From owner-qrp-1@Lehigh.EDU Wed Aug 21 23:12:25 1996
From: "michael (w.m.) babineau" <babineau@nortel.ca>
Subject: [2987] Anyone have W1FB QRP Notebook 1991?
Message-ID: <"13282 Wed Aug 21 14:57:08 1996"@bnr.ca>

Hi :

I am considering installing a CW audio filter in my 30M OHR Sprint II (great little radio, sensitive but I can hear most of the band all at the same time!!) and noticed that FAR Circuits has PCB for a filter listed as "ARRL W1FB QRP NOTEBOOK 1991 ACTIVE CW FILTER FIG. 3-22".

I, of course, have the 1990 issue of the QRP Notebook. Can someone with the 1991 version give me a quick rundown on this filter. I am assuming that it is probably a pretty standard active filter using a dual op-amp. I'm just curious as to whether it gets any fancier than that.

Thanks in advance.

Michael
VE3WMB

P.S. To those who responded to my recent query about the MFJ971 QRP tuner, thanks again, I picked one up a couple of days ago and its great. I'll be using it /VE9 with the above mentioned Sprint II from Grand Manan Island in early Sept.

From owner-qrp-1@Lehigh.EDU Wed Aug 21 23:12:25 1996
From: GREGOIRE@ENDOR.COM (ERNEST GREGOIRE)
Subject: [2987] ARCI/SOLAR PWR. ARTICLE
Message-ID: <199608212246.SAA42924@nss2.CC.Lehigh.EDU>

Hello Danny, and the Gang,

G.Danny Gingell, K3TKS, wrote and asked for an article on solar power for the ARCI newsletter. I would just love to contribute Danny, but you see I tried to join up with the outfit in May. My check has not been used, and I have not heard a single thing about my membership yet.

I did read that the dues have gone up and I will gladly pay the new price, but I want to hear something from somebody sometime!

de AA1IK
Ernie

From owner-qrp-1@Lehigh.EDU Wed Aug 21 23:12:25 1996
From: Ron Giuntini <rong@slip.net>
Subject: [2998] Chargers
Message-ID: <E0utP00-0005ZF-00@mouse.slip.net>

In addition to the commercial chargers recently listed, Mar 94 QST has a smart charger that can be put together for about 60.00. I built one and it puts out about 2.5 or 1 amp (selectable) and trickles at a low rate. Another fellow on this group and I each put one together at the same time a couple months back and I am quite satisfied with the results. If you are not adventurous then one of the kitted products should be fine, but I am proud of having built my own.

Ron KB6GK
NorCal #1718
San Francisco

From owner-qrp-1@Lehigh.EDU Wed Aug 21 23:12:25 1996
From: emaaaro@pacbell.net
Subject: [2939] Charging Lead-acid batteries
Message-ID: <321B8778.7A3B@pacbell.net>

I purchased a one-event timer for \$8 a couple of months ago. I am using it to automatically turn a lead-acid automotive battery charger on and off. I have it set for about a 45 minute on cycle. Since the battery is fully charged, it only charges 3 amps for a few seconds then the charge current gradually decreases to about 100 mills for the rest of the charge cycle. The timer can be adjusted to be on from 15 minutes to 23 hours and 45 minutes.

I don't like keeping a continuous trickle charge on the battery. It seems to heat the battery and evaporate the water from the electrolyte and requires more frequent specific gravity checks on each cell.

I've been checking the specific gravity once a week and it doesn't seem to vary much from the previous readings. I am thinking of increasing the checking interval to two weeks or longer as so far I haven't had to add water to maintain the correct specific gravity for a fully charged battery.

Has anybody had a similar experience with an intermittent charging cycle or harmed a battery by using by using the method I've described above?

I would like to read about your experiences and/or comments.

Thanks, Emaaro.

From owner-qrp-1@Lehigh.EDU Wed Aug 21 23:12:25 1996
From: WJ4PRandy@aol.com
Subject: [2948] CTHA (doughnut antenna)
Message-ID: <960821093124_390501055@emout18.mail.aol.com>

Just so you folks are up on the latest
in technology...

There's a new antenna on the block and
its called a "Contrawound Toroidal Helical
Antenna".

It consists of two helical windings, pairs
wrapped with opposite pitch to each other,
referred to as "contrawinding". Winding interactions
slow the propogation of the electrical current
within the antenna, causing it to behave as a
larger, lower frequency antenna. Its patented.
(naturally).

Evidence suggests the antenna's signal may
ride on the earths magnetic field near or just
below the surface. The energy wave is circularly
polarized so the the signal is less susceptible to
absorption or reflection.

In tests the antenna successfully operated at a
distance of 37 miles as opposed to a monopole
antennas' 10 mile range. The company claims
that a 3 foot antenna can take the place of a
mono-pole tower. This antenna lies flat on the
ground and transmits with the same efficiency as
an antenna mounted on a tower, says the company.
This is because the toroidal magnetic field is equal
to the linear electric field of other antennas.

This info from RCR magazine and I double checked
to make sure it wasnt the April 1 edition. Lemme
know if anyone builds one for the next ARS sprint!
73, Randy WJ4P

From owner-qrp-1@Lehigh.EDU Wed Aug 21 23:12:25 1996
From: Jerry <frog@sd.cybernex.net>
Subject: [2979] DD-1
Message-ID: <199608212138.QAA04186@pinto.sd.cybernex.net>

The DD-1 digital readout is sold. Thanks

From owner-qrp-1@Lehigh.EDU Wed Aug 21 23:12:25 1996
From: Stanley Wilson <microres@crl.com>
Subject: [2943] Dethermalizer Timer wanted (viscous damper)
Message-ID: <Pine.SUN.3.91.960821053710.14385B-100000@crl5.crl.com>

In addition to qrp radio I also like to play with qrp model planes (rubber powered).

I am looking for a viscous damper source. These are used in tape decks, VCR's, etc to slow and smooth out the motion of the door opening. I understand they come from England. ? They have a dial about 1" in dia and a small base. I expect there is a surplus source someplace here in the USA.

They are used on the free flight model planes to bring the plane down after a flight (seconds).

Would appreciate any input as to a source.

Thanks de stan ak0b
microres@crl.com

From owner-qrp-1@Lehigh.EDU Wed Aug 21 23:12:25 1996
From: WJ4PRandy@aol.com
Subject: [2965] Doughnut antenna
Message-ID: <960821134410_462058364@emout15.mail.aol.com>

I know, I know.....

I just report as I see 'em (read 'em)!

Radio Communications Report, July 15, 1996

For excellent remarks on this subject see "sholla@panasonics"... post. This is where I say "What he said!!"

One quote from the article is kinda curious... "It's ideal for boats and you can put them on the car at the size of a quarter. It's cheaper and has *three-to-five times the battery life*."

I guess they (the developers) hadn't heard that a lot of (most?) antenna's don't use batteries at all. No wonder they were excited!!!

Truth is stranger than fiction...

73, Randy WJ4P

From owner-qrp-1@Lehigh.EDU Wed Aug 21 23:12:25 1996
From: Dick G0BPS <Dick@kanga.demon.co.uk>
Subject: [2981] G-QRP WWW PAGE
Message-ID: <ph8MFCACy3GyEw2+@kanga.demon.co.uk>

Hi Gang,

I'm back.....

The latest news, if you havn't already heard...

The G-QRP club Web Pages are on:

www.kanga.demon.co.uk

They are a sub directory of the Kanga Ad, but complete www pages in their own right.

Your comments appreciated..

TTFN de Dick.

Dick G0BPS/G0R00/M1ABJ Kanga Products
Homepages: www.kanga.demon.co.uk
QRP is about doing more with less

From owner-qrp-1@Lehigh.EDU Wed Aug 21 23:12:25 1996
From: PaulKB8N@aol.com
Subject: [2988] Help, please!!!
Message-ID: <960821184559_265440215@emout14.mail.aol.com>

Gang, I still have not been able to contact John F. Woods, who runs the web site of Electronic Component Suppliers. His listed E-Mail address is jfw@ksr.com, but my mail keeps getting returned. His web site is [HTTP://www.ee.washington.edu/eeca/text/suppliers.html#surplus](http://www.ee.washington.edu/eeca/text/suppliers.html#surplus).

Please help! Paul, KB8N

From owner-qrp-1@Lehigh.EDU Wed Aug 21 23:12:25 1996
From: duane <duane@flinet.com>
Subject: [2993] Jim Cates & QRPP Journal
Message-ID: <321BAD8C.3129@flinet.com>

Does anyone know if Jim Cates Has an Internet address or email address.
I want to join the QRPP Quarterly Journal, I sent him a membership check
for a 2 year enrollment via my computer Check free Service but he want
know where it came from and the check will beat the snail mail to him.
I have his snail address but i need to get a message to him quickly.
Jim Cates,
3241 Eastwood Rd., Sacramento, CA 95821.
QRPP quarterly journal,

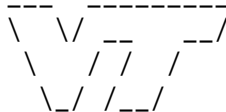
thanks duane@flinet.com Ab4be

From owner-qrp-1@Lehigh.EDU Wed Aug 21 23:12:25 1996
From: pelt@vt.edu (Randy Pelt)
Subject: [2944] KC2 Size??
Message-ID: <v01540b01ae408077e772@[198.82.152.40]>

Could someone who has a KC2 tell me the size of the digital display.

Many Tnx

Ranson J. Pelt
pelt@vt.edu
QST de w4wyt Semper Fi
ex-nz4i



From owner-qrp-1@Lehigh.EDU Wed Aug 21 23:12:25 1996
From: Dan Keen <70731.722@compuserve.com>

Subject: [2938] keyers

Message-ID: <960821062451_70731.722_EHM35-1@CompuServe.COM>

> Can someone please tell me what the characteristics are for Iambic A
> and Iambic B modes?
>
> tn timer W9UQB Mike

My mailbox was full and so several messages on the qrp-l list got deleted so I'm not sure if anyone else answered or not so here goes...

In iambic keying thumb=DAH finger=dit, squeeze= repeating diDAH (Iambic poetic foot) or repeating DAHdi (strophe poetic foot) depending on which paddle was hit first on the squeeze.

Using non iambic modes, squeezing the key will produce nothing. At least not on my paddle (Bencher BY-1) and keyer MFJ493 when keyer is a non-iambic mode.

In Iambic B mode, If you release the squeeze while one element is playing, then the keyer will finish playing that element and then play one more element.

In Iambic A it will simply finish playing that element, but will not play one more.

For instance, in iambic B, while playing K, if you release the squeeze while the last DAH is playing you get DAH di DAH di.

In Iambic A you would get DAH di DAH.

So in Iambic B you must release earlier for K, (when the second element (di) is playing) which makes it a faster mode than mode A but trickier.

Iambic got its name from Iambic Pentameter, such as used by Shakespeare. Or as in the "blank verse" of lesser poets e.g. "theRAIN inSPAIN fallsMAIN lyIN thePLAIN". Iambic= di DAH, Pent= five, meter= the measure or the "foot"

Dan 70731.722@compuserve.com

From owner-qrp-l@Lehigh.EDU Wed Aug 21 23:12:25 1996

From: bmitchel@kodak.com (Brad Mitchell)

Subject: [2970] keyers

Message-ID: <9608211927.AA06025@iiatasun.cba.Kodak.COM>

Well,
I will say this one more time .. at least.
If you are right handed, try iambic with the left.
If you are left, try it with the right.
It works. You must of course switch the dit and
dah, but once you have done that , it works.

I can't do anything left handed
but I can key iambic with left or right.
It really is easy , try it.

73 Brad WB8YGG

From owner-qrp-1@Lehigh.EDU Wed Aug 21 23:12:25 1996
From: wk9t@juno.com
Subject: [2983] Kit Building
Message-ID: <19960821.165809.21702.0.wk9t@juno.com>

Hi gang. Although I've been lurking here for a while, this is my first post. I have decided I want to build a multi-band QRP rig and have narrowed the field down to the OHR-400 and the Wilderness Sierra. Right now I'm kind of leaning toward the Sierra. I would appreciate any comments, pro or con, from anyone who has built either one or both of these kits. Please comment on quality of kit, quality of assembly manual and any comments on how well the rig operates under various conditions. Also if anyone has good experiences with any other multi-band kits in the \$300 price range please comment.

73/72 de Rod ... WK9T Carol Stream, IL
ARS # 153
E-mail: wk9t@juno.com

From owner-qrp-1@Lehigh.EDU Wed Aug 21 23:12:25 1996
From: Dave Johnson <djohnson@acpub.duke.edu>
Subject: [2945] KnightLite Net Report for August 19 UTC
Message-ID: <321AFBBB.3087@acpub.duke.edu>

Howdy KnightLites and other QRPers!

This is a report of last Sunday's session of the KnightLite Round Table (net) on 3710 kHz. When I tuned into the net freq all I heard were a couple VE1s talking (cw), and I kept tuning around to see if I could

find the net. Nada. So I fired up on 3709 and found Jeff, AC4Z0, and Warren, AD4ZE. Jeff was 599 here, and was running about 9 watts to an 80m dipole fed with twin lead. Warren was 569 here, and was running 1 W to an 80m dipole. I was running 5 watts to my "Lew McCoy dipole" (the one cut to fit between the trees and fed with ladder line).

Jeff let us know he would be going to the board meeting of the Raleigh Amateur Radio Society (RARS) and would ask for support for the Ukrainian Ham project. This is the one where we are collecting donations of books and magazines and such, for shipment to our ham friends in the Ukraine.

The noise level was high, and I strained to listen, and asked for help with any relays (QSP?) but heard no one else. If you have been trying to join us on the net, please keep trying, as the summer noise will wane eventually.

Please join us when you can on the KnightLite Round Table (net), Sundays nights (UTC Mondays 0200) on 3710 kHz, and pound some brass!

72,

Dave WA4NID

From owner-qrp-1@Lehigh.EDU Wed Aug 21 23:12:25 1996
From: wk9t@juno.com
Subject: [2986] MFJ-9020
Message-ID: <19960821.171204.21702.1.wk9t@juno.com>

For Sale MFJ-9020, 20 mtr QRP/CW transciever. \$100.00 + shipping.

73/72 de Rod ... WK9T Carol Stream, IL
ARS # 153
E-mail: wk9t@juno.com

From owner-qrp-1@Lehigh.EDU Wed Aug 21 23:12:25 1996
From: wb8ygg@juno.com (Bradley S. Mitchell)
Subject: [2977] My unbuilt HW-8
Message-ID: <19960820.170835.10255.0.WB8YGG@juno.com>

Well, I finally did it.
I have an unbuilt HW-8

Being a radio historian, I'm so torn.
I want the experience of building the rig that was
too expensive for me to buy as a kid, but

Those that have built heathkits know what I
am about to describe:

Remember opening up the box, and inside was
the yellowish brown manual, and then the wire spooled
up in a coil with the rubber band around it..
Who can forget all the little brown boxes inside, holding some
of the more fragile components. Then there is the Soldering
instructions that are inside, as a separate manual.

A very class job.
I get that same feeling, every time I open the box.. Almost
like a Heathkit High or something.. Haven't had that sensation since
I built the DX-60B back in the 70's. (amongst many other Heathkits).

I'm torn.. stay tuned as this unfolds. This winter
I think I'll build it! Heck with history!.

73 Brad WB8YGG

From owner-qrp-1@Lehigh.EDU Wed Aug 21 23:12:25 1996
From: talljazz@teleport.com (Dan Presley)
Subject: [2940] N7SCQ beacon
Message-ID: <v01530501ae407433bb86@[206.163.122.82]>

While on a brief vacation in Central Oregon, on the McKenzie River, I threw
an antenna up in the trees to use w/ my Sierra. Had some success considering
I was in a deep river canyon! I also had the chance to visit & operate with
Russ AA7QU or the Adventure Radio Society. He has a great station (also in
the same 'hole') maximized for qrp. I was there for the August sprint
(8/14) and had a great time though conditions were pretty bad-we still
managed to work a few guys all over the country. Russ has a lot on the
ball, and has done a lot of research as to what makes a great portable
location- we can all benefit from his knowledge!

At my own location, I copied a qrp beacon on 40 in the novice band, &
wondering if anyone had more info, or had copied this beacon. The call is
N7SCQ/QRP, and freq. is approx. 7125 (manual readout on my Sierra!-KC2 on

its way). It was strong in my location (about 30 mi. east of Eugene, Or)
579 w/ some QSB. The call is listed to a Nevada QTH. Anyone got more
details?
Dan N7CQR

From owner-qrp-l@Lehigh.EDU Wed Aug 21 23:12:25 1996
From: svecbrdk@well.com (L.Svec,W.Burdick)
Subject: [2937] New Wilderness products (including noise blanker), spare parts,
and Fall catalog
Message-ID: <199608210547.WAA05211@mh1.well.com>

On behalf of Bob "Not Yet Wired" Dyer, here are some highlights from the
new Wilderness Radio catalog, due out in a week or two. Bob will be
mailing it to all his customers, but if you're not on his list, you can
write or call him and ask for a copy. (Wilderness Radio, P.O. Box 734, Los
Altos, CA 94023-0734; phone 415-494-3806.)

I think Bob will take orders for any of these items now, even though some
won't be in stock until late September. Shipping charges are not shown
below -- you'll have to call him to get accurate shipping charges, or wait
for the full catalog to arrive.

The BuzzNot noiseblanker, \$19 (late September)

This is a cute little 1.1" x 0.6" noise blanker
that works with the '40A and Sierra. It's a simple
circuit that won't do everything, but it works
well on many instances of line noise, etc. (Some of you
are in my book as beta testers--you know who you are--
and you'll get the kits soon as Bob gets the parts.)

Wilderness QRP Minilog/Reference, \$6 (late September)

This was a topic of discussion on QRP-L a few weeks back,
and it's a go. It's based on Doug Hendricks' original
NorCal Minilog. About 5 x 4", 50 pages, nice spiral
binding to lie flat or fold around; blank on the
back of the pages for notes or CW copy. Fits *inside*
the Sierra! In addition to the log sheets, it has
a lot of useful reference material: HF band allocations,
QRP frequencies and nets, common antenna and other
formulas, URL's, abbreviations, time conversions, etc.

Miscellaneous Parts now being stocked

By popular demand, Bob is now adding a few useful Sierra and NC40A parts to the catalog. Here are the parts he'll be offering: FB64-101 ferrite bead, 39=B5H RF choke (for Sierra ABX mod.), 2N3553, J309, MVAM108, 10K panel-mount pot (for ABX control), Sierra-style small and large knobs, NorCal 40A-style small and large knobs.

By the way (my opinion only!): Bob is NOT starting a parts business; these parts are offered as a convenience for kit builders so they don't have to place a Mouser order just to get a ferrite bead, etc. You might shop elsewhere for parts if you're looking for surplus prices or quantity discounts. :)

KC2 Keyer/Counter/S-Meter/Wattmeter, \$75

Anyone not know what this is? Bob will also have the KC2/Sierra front panel in a few days at \$15 + shipping.

10, 12, and 160-meter band modules, \$31 each

Modules for those of you who want to explore the "...frontiers of HF QRP...." to quote the catalog. Expect 3W on 160m and 1.5 to 2 on 10/12m (14V supply). You'll want to add a ferrite bead to the base of the 2N2222A as mentioned in a previous posting to cure some instability on 10/12m.

Of course the '40A, KC1, and Sierra are in stock, too.

73 and thanks for the bandwidth,
Wayne
N6KR

From owner-qrp-1@Lehigh.EDU Wed Aug 21 23:12:25 1996
From: ljones@why.net (ljones)
Subject: [2938] Nibbler
Message-ID: <19960821055018976.AAA439@64.ann1.dal.why.net>

Greetings Charles...

You asked the question as to where you could purchase a new nibbler. Well, it is as close as your nearest Radio Shack. The part number is 64-823. Anymore q's?

72/73 & God Bless...

dee-it dee-it

Larry Jones N50SG	<><	NORTEX	QRP-ARCI	G-QRP	MI-QRP	CQC
4028 Random Circle		NorCal	NE-QRP	QRP-L	ARRL	NTMS
Garland Tx 75043-3250		EM12QU	96.62 W LONG	32.87 N LAT		

From owner-qrp-l@Lehigh.EDU Wed Aug 21 23:12:25 1996
From: George Gingell <k3tks@u1.abs.net>
Subject: [2989] nibbler
Message-ID: <Pine.BSI.3.93.960821184155.6165A-100000@u1.abs.net>

Yep, They still sell them at Radio-Shack &/or Tandy if you are in the UK. They are not perfect, but they will get the jobe done nicely. Sure beats the drill and file method. There is also a handy little saw known as a Jewlers Saw, with blades as thin as a piece of wire. (Spell that, Breaks Easy!) They are useful in special cases. Just drill one small, insert blade and tighten frame and you are on the way. The hard part is staying on the line. I like to scribe the line on the pcb with an awl before I start. I once had some Greenlee Chassis Punches. I think I can find one or two in the tool box. They are VERY Expensive and only come in a limited number of sizes. You still have to drill a hole for them and it had better be in the right place! No second chances. There is also a punch that will mount into a Dremel 5 ton Press. Same price category as the Greenlee Punches. Infer, defer, whatever, Egnlis never was my best subject :^)

QRP DX TU (C) 1986 G.Danny Gingell, K3TKS@.abs.net

From owner-qrp-l@Lehigh.EDU Wed Aug 21 23:12:25 1996
From: wayne.barnhart@smug.org (Wayne Barnhart)
Subject: [2985] oscillators

Message-ID: <9608211405144360@smug.org>

I want to thank the people on the list ... ya gone and done it again. I now have an oscillator that tunes from 10.089 to 11 mhz. Of course I didn't have the right capacitance for the series segment and had to tie about 5 of em together in parallel but what the hey, it works.

Now the hard part - the rcvr front end.

Thanks

Wayne WB7WHI
Spokane, Wa.

From owner-qrp-1@Lehigh.EDU Wed Aug 21 23:12:25 1996
From: N3SAD@aol.com
Subject: [2992] POSTING TO THE LIST
Message-ID: <960821203652_265528179@emout14.mail.aol.com>

S & S Engineering would like to invite you all to check out our Webpage. You can pick up the entire catalog, including photos and complete price listing, at:

<http://www.xmetric.com/sseng>

Thank you for your attention.

73,

Kathy N3SAD

From owner-qrp-1@Lehigh.EDU Wed Aug 21 23:12:25 1996
From: rflight@VNET.IBM.COM
Subject: [3003] Prime ti..'mer, 40-9er... Oh my Darlin' dah-di-dah!
Message-ID: <199608220355.XAA31296@nss2.CC.Lehigh.EDU>

Kudo's to the NorCalawonians!

A N D O U R C O N G R A T U L A T I O N S

HEY GANG!

Ohm I.... Pardon me for shouting.... Check out the Sept 96 issue of CQ.. If you need more hand holdin' than that... turn to page 54 and whadaya see?

Why it's the 40-9er... albeit by one of it's aliases :-) (i.e. Forty-9er).

We got Dave Ingram all excited about this little rig... He musta been surfen' the WEB and landed on the QRP-L list. Read his article... He's almost beside himself with enthusiasm, and is on his way to building his own, so stay tuned to 7.040 +/- for K4TWJ... It won't be long now (if he hasn't already out paced the printers and postal service). Give him a hearty thank you for his great pitch for QRP. "If you like weekend homebrewing and/or QRP (who doesn't!) you'll go bonkers over NorCal's neat little 'Forty-9er'..." It's true... the parenthetical "who doesn't!" is a direct quote... BRAVO! He's even taken the bold step of promising a chronical and photo's of the now epidemic and highly contagious 40-9er building experience.

This not only secures the 40-9er's place in history, but between it and Dave's support for QRP (which has been building over the last few issues as I seem to recall), we should gain some fallout from his column. You gotta go get this issue of CQ and check it out. He is genuinely excited about his new found diversion.

Congratulations NorCal... Your FDIH hospitality must have been exemplary.

If I can only find those last few *# \$ %# parts, I can get off this thread and start digin my own claim on 7.040:-) What a rush!

73 de N3G0 - Gary

I own my own copies of CQ, but have no other financial interest (to date) in CQ magazine.

//// / * / / / //// //// * //// //// / * //// //// ////

Only I am capable of offering such absurdities, and must assume all credit for my opinions and suggestions. They are mine and mine alone. My employer will graciously disavow any knowledge of my existence and laugh heartily at the mere suggestion of such a preposterous notion.

//// / * / / / //// //// * //// //// / * //// //// ////

From owner-qrp-l@Lehigh.EDU Wed Aug 21 23:12:25 1996
From: Joel Malman <malman@BBN.COM>
Subject: [2972] QRP backpacking
Message-ID: <199608212006.QAA47725@nss2.CC.Lehigh.EDU>

Folks,

Seems like everyone is going QRP backpacking. I'm going to give it a try also, but before I go I want to make sure I bring the best (compromise?) antenna I can. That means light weight and no antenna tuner.

For backpacking it would seem that a dipole, cut for the frequency I want to use and 50-70 ohm coax would appear to be the best way to go, even though I will have to carry about .5 wavelength of coax.

Not being very good with a sling shot and not planning on carrying bow and arrow - I figure my best bet might be to use a sloping dipole antenna. That way I only need 1 high point, one low point and a 90 degree coax connection.

I know that an inverted V also has only one high point (and 2 low points), but are there any QRP advantages to it over the sloping dipole.

In either case, I don't want to bring an antenna tuner, and if I cut the antenna right, I should not need one.

One last question: baluns. I don't want to pack some commercial balun and maybe I don't need one, please comment.

BTW: I'll be using 40 meters with about 1.5 watts, in the mountains of upstate New York.

/joel wa1qvm

From owner-qrp-1@Lehigh.EDU Wed Aug 21 23:12:25 1996
From: lve1@inel.gov (Larry V East)
Subject: [2954] QRP+ Problems/Fixes
Message-ID: <2.2.16.19960821151020.27cf423c@134.20.173.29>

>From a recent posting:

>

>The Sept QST has an ARRL Labs review of the QRP+. It infers several circuit
>changes and firmware changes were done by Index Labs during the course of
>the the labs review to make the QRP+ meet spec.

>

>Has anyone contacted Index Labs about what their plans are for fixing the
>QRP+'s that they have shipped or upgraded that do not meet spec and just
>getting other updates (like firmware).

>

The QRP+ in general and the "new improved model" (often referred to as the QRP++) in particular seems to be a continually evolving product -- compare any two from different production runs and you will find differences! Index

surly can't retrofit all the previous models, so they don't bother sending out info on fixes, etc. unless a fairly big problem surfaces (they did send a resistor to all QRP++ owners for a general and simple modification a few months back). But, if you have a problem/complaint about your particular rig, give them a call (don't bother sending a letter -- it'll probably never get answered) and chances are they will offer to fix it (for nothing if it is still under warranty).

72, Larry W1HUE/7

From owner-qrp-1@Lehigh.EDU Wed Aug 21 23:12:25 1996
From: QLF@mimi@magic.itg.ti.com
Subject: [2951] QRZ DATABASE
Message-ID: <9608211447.AA07544@itg.ti.com>

From: Brad Bradfield QLF

Subj: QRZ DATABASE

In one of the digests from over the past weekend, someone had information on the URL for the QRZ database along with information on how to add your e-mail address to that database. I accidentally deleted the file before getting the information. Could someone please send it to me direct. Tnx.

73's

Brad, WB0CGH

Brad Bradfield, PE Electrical Design Engineer
(H) 817-321-2960 Texas Instruments, Inc.
(W) 214-462-6230

Real men talk with their fingers!

QLF@MSG.TI.COM

WB0CGH@W05H.#DFW.TX.USA.NA

ARRL Life Member QRP-L #377 SMIRK #4906 IEEE(M) ARS #72

Collector of wireless and landline Morse keys and accessories.

From owner-qrp-1@Lehigh.EDU Wed Aug 21 23:12:25 1996
From: QLF@mimi@magic.itg.ti.com
Subject: [2952] QRZ DATABASE
Message-ID: <9608211451.AA10648@itg.ti.com>

From: Brad Bradfield QLF

Subj: QRZ DATABASE

In one of the digests from over the past weekend, someone had information on the URL for the QRZ callsign database along with information on how to add your e-mail address to that database. I accidentally deleted the file before getting the information. Could someone please send it to me direct. Tnx.

73's

Brad, WB0CGH

Brad Bradfield, PE	Electrical Design Engineer
(H) 817-321-2960	Texas Instruments, Inc.
(W) 214-462-6230	

Real men talk with their fingers!

QLF@MSG.TI.COM

WB0CGH@W05H.#DFW.TX.USA.NA

ARRL Life Member QRP-L #377 SMIRK #4906 IEEE(M) ARS #72

Collector of wireless and landline Morse keys and accessories.

From owner-qrp-l@Lehigh.EDU Wed Aug 21 23:12:25 1996
From: Charles Cashion <ccashion@spdmail.spd.dsccc.com>
Subject: [2960] QRZ email update
Message-ID: <9608211530.AA06184@sun1055.spd.dsccc.com>

Please forgive NON-QRP information...

The URL for QRZ (homepage and callsign lookup) is:

homepage: <http://www.qrz.com/>

lookup: <http://www.qrz.com/cgi-bin/webcall>

To correct your email address (via email) you do not need the URL or web access. Simply send email to

updates@qrz.com

With the body of the message is one line

qrz_email call_sign corrected_email_address@host.domain

Leave qrz_email exactly as shown.

Replace call-sign with your call-sign.
Replace corrected_email_address@host.domain with the
desired email address.

72s,
Charles Cashion, W5ISZ, ccashion@spd.dsccc.com

```
+ - - - - - +
| If you choose to reply to me directly, and your mailer has an automagic |
| reply feature, please do not use it. Something/somebody/someserver in   |
| the mail path has been prevaricating my mail reply address to         |
|      sun1055!ccashion@uunet.uu.net                                     |
| which at the very least, is an annoyance.                             |
+ - - - - - +
```

From owner-qrp-1@Lehigh.EDU Wed Aug 21 23:12:25 1996
From: wb0poq@visi.com (Bob Liesenfeld)
Subject: [2973] Reverb
Message-ID: <199608212006.PAA15222@mixer.visi.com>

Hi fellow querpers,

I know this is a bit off topic but..... I need to come up with a reverb
unit for a PA system. (No really, not for a CB) It is for a volunteer group
I am associated with. I have built a simple LM383 based amp which works good
but would like to add reverb.

I have played around with bucket brigade ICs without much luck, and want
to stay away from a spring based system if possible. Does anyone have any ideas?
Tnx! 72 72.....72.....72.... ;-)

Bob WB0POQ
Bob L. wb0poq@visi.com

From owner-qrp-1@Lehigh.EDU Wed Aug 21 23:12:25 1996
From: Dennis Zeares K3ETS <k3ets@why.net>
Subject: [2982] Sept. 21, 1996 -QRP Afield
Message-ID: <19960821215556065.AAA446@36.ann1.dal.why.net>

I thought it was posted that the theme is Lighthouses or Towers!

Has this been changed??? What are the suggested locations?

72/73 Dennis K3ETS, Dallas, home of K5F0, and NorTex QRP group

From owner-qrp-1@Lehigh.EDU Wed Aug 21 23:12:25 1996
From: wa5whn@ix.netcom.com (Jay Miller)
Subject: [2947] Sept. 21, 1996, "QRP AField"
Message-ID: <199608211319.GAA08020@dfw-ix6.ix.netcom.com>

Dear Fellow QRP Compadres,

OK, here's the line up ("The First String", "The A Team") from New Mexico, for the New England "QRP AField", on Sept. 21, 1996;

NA5N, Paul "The Rock" Harden (Hey, he only has one xtal, ergo: "The Rock") ;-)

AB50U, Tim "I had created the Wind @ Riley" Pettibone (He had done this to impress upon K5F0, who is the greatest.) ;-)

K8BI, Gary "Mr. Caustic" "Want to touch my 706 ?" Bonebrake (Who do You think started W8BI @ Dayton ? We are talking Mr. Personality here, caustic, but a personality) ;-)

N5ZGT, Brian "Mr. 1000 QSOs/milliwatt" Milesosky (Ask Brian how He can face a campfire flame, and never get burned, during an ARRL Field Day.) One Tough Individual...

WB5LYJ, Judy "A Pretty Face in the Crowd" Miller (Oh, not to mention Her Irish Temper too, so I won't mention it.) ;-)

WA5WHN, Jay "Mr. Chicken, when WB5LYJ is around" ;-) Yes Dear, Yes Dear, Yes Dear...

KC5** , Mr. Sign In Guest Op, it just so happens, owns the Ranch, where we will be. He is our secret weapon. (Besides, if I mention his callsign, Brian will know who it is. N5ZGT wants to find this ranch, using only his Garmin 45 GPS receiver.) We will be in one of KC5**'s pastures (40 acres), amongst the pine trees, with a Mountain (Rocky Mountains) at our back.

We will have a 3 element (10/15/20) Beam up @ 40+ feet, 1 - 20 meter wire beam & a 40 meter dipole. All pointed NE. With a GQ-20 (Kanga), AK-1 (what happened to the other 46 ?), IC-706, GM-20 (Hey, after all it's a great little radio & it's from New England) :-0

So, where are the "Knightlights" , the "NE QRP Club", the "East Coast" ? We are pumped & ready. That overpowering S-6 signal, that You will hear, will be us.

This will be a group effort from us. 1 callsign, 1K QSOs. :-)

If You need information about the New England "QRP AField", contact
AA1EX, Chet Bowles, bowles@cmf.org .

72...Jay, WA5WHN NE #454

From owner-qrp-1@Lehigh.EDU Wed Aug 21 23:12:25 1996
From: Jerry <frog@sd.cybernex.net>
Subject: [2980] Sierra Output Info
Message-ID: <199608212143.QAA04212@pinto.sd.cybernex.net>

Was talking to Wilderness Radio on the telephone this morning and want to
pass on this hint it may help someone out. I was only getting 1.3 watts out
on 17m. I was told to compress the windings on L-6, and spread out the
windings on L-5. It works, now have just a hair over 2 watts out on 17m.
Hope maybe this will help someone out.

Jerry - NR5A

From owner-qrp-1@Lehigh.EDU Wed Aug 21 23:12:25 1996
From: "L. Jeffrey Hetherington" <jhetheri@freenet.npiec.on.ca>
Subject: [3000] Slinky Antenna
Message-ID: <Pine.SGI.3.93.960821231430.26936A-100000@freenet.npiec.on.ca>

Is there anybody on the list that has the plans for the original Slinky
Antenna. Other than the metal Slinky, my knowledge is blank

73/72

Jeff - VA3JFF

=====
L. JEFFREY HETHERINGTON
Niagara Falls, Ontario, Canada
E-Mail : jhetheri@freenet.npiec.on.ca

From owner-qrp-1@Lehigh.EDU Wed Aug 21 23:12:25 1996
From: wylde@nccn.net (Grover Cleveland WT6P)
Subject: [2957] Small Keyer Paddles?

Message-ID: <v02130501ae40d95ff21a@[205.139.74.183]>

What was the verdict on small/portable/don't-weigh-too-much paddles?
Where do I get them?

ta

Grover

- - -

P. Grover Cleveland WT6P / QRPARCI 3795 / ARS 101 / Norcal 216
Sr. Engineer - Tektronix/Grass Valley
Archaeominiferroequinologist
Fairmont Speeder Pilot
Certified Steam Locomotive Driver
Certifiably Loony

Can also be found at: cleveland@usa.net
grover.cleveland@tek.com
71213.2741@compuserve.com
<http://ourworld.compuserve.com/homepages/gcleveland>

From owner-qrp-l@Lehigh.EDU Wed Aug 21 23:12:25 1996
From: Charles Brown <maf00035@maf.mobile.al.us>
Subject: [2942] SMART BATTERY CONTROLLERS
Message-ID: <Pine.SOL.3.91.960821071504.3465A-100000@ns1>

TO EMARRO
SMART BATTERY CONTROLLERS CAN BE LEFT ON AND WILL NOT OVERCHARGE
SEE QST MAG
JADE PRODUCTS, INC
E. HAMPSTEAD NH 03826-0368
ON PAGE 182
SEPTEMBER 1996 AND
ON PAGE 173
SMART BATTERY CHARGER
A & A ENGINEERING
2521 W. LA PALMA #K
ANAHEIM, CA 92801
TEL 714 952 2114

COMPLETE KIT 59.95
AND ASSEM. 79.95
FROM A DESIGN BY WARREN DION N1BBH, JUNE 87 QST.

N4SO

From owner-qrp-1@Lehigh.EDU Wed Aug 21 23:12:25 1996
From: Robert Morgenstein <robertm@haven.ios.com>
Subject: [2968] solar pwr only
Message-ID: <Pine.BSD.3.91.960821145600.15689B-100000@haven.ios.com>

Hi to all;
I need some help/info. I have an HW-8 and I have 2 solar panals when in parallel generate 14V@ 0.5 A. This is enough to run the HW-8 during xmit. according to the specs of the HW-8. My question is, will this work? In other words can I run the HW-8 straight off the solar panals in the real world. I use this at the beach in Florida with the Atlantic Ocean as my grnd, the Ant. is a home brew vert for 20m.
Thanks for any input.
73'2 Bob WA2EAW

From owner-qrp-1@Lehigh.EDU Wed Aug 21 23:12:25 1996
From: "Gary R. Hanson" <ghanson@uts.cc.utexas.edu>
Subject: [2969] Square hole response
Message-ID: <321B63D9.6F12@uts.cc.utexas.edu>

Hey Gang,

Now that's what I like about this listserv! I received 27 responses in less than 24 hours on how to make square or rectangular holes in aluminum cases.

Of course, the correct answer...one I didn't think of...is to use a "nibbling tool". I had seen them in the Mouser catalog, but just didn't know what they were used for. Now I do. They cost about \$15 from Mouser.

A special thanks to John, WA8KNE for a Radio Shack stock # and price. Here's what he sent me:

"To add to what others have said - Radio Shack carries a "nibbling tool"
stock # 64-823 for \$10.99.
Try it, you'll like it."

I also now have a nice compendium of "other" solutions as well. If anyone would like to see the entire list, let me know and I will send an e-mail summary. It's a little long to post on the listserv.

To everyone who took the time to send me a response: THANKS, for jumping in and helping me out. Next time, I will "nibble" away at those square holes. All I have left on my Super Tee tuner is to wire in the inductor coils.

72,73

Gary, KJ5VW

From owner-qrp-1@Lehigh.EDU Wed Aug 21 23:12:25 1996
From: af852@rgfn.epcc.Edu (William R Colbert)
Subject: [2958] square/rectangular holes
Message-ID: <9608211518.AA27079@rgfn.epcc.Edu>

Re: Gary's question about how to do the odd shape holes. One way (expensive) is the purchase of Greenlee hole punches. The way I do it, especially with lightweight material is to drill a hole in the center of the area to be worked on, large enough to accept the punch of a nibbler tool (available at most tool stores, including Radio Shack) Then I proceed to make the size hole I need and finalize it with a small jeweler's flat file to correct any rough edges/misalignments. To save some time, one could drill the basic shape with a small bit, remove the center piece, then use the nibbler/file to finish the hole. 72/73 Ray

--

Ray Colbert, W5XE/V31XE, El Paso, Tx

From owner-qrp-1@Lehigh.EDU Wed Aug 21 23:12:25 1996
From: adams@chuck.dallas.sgi.com (chuck adams)
Subject: [3001] Survey Correction
Message-ID: <199608220326.DAA02322@chuck.dallas.sgi.com>

Gang,

Kevin Anderson, KB9IUA, pointed out that I had an error in my posting of the results for Q50-Q60. Here are the corrected results and I apologize that

in that I didn't correctly count the lower case y. This is very important as it shows where there are interests in future sales.

Again another reason for just loving this group and all that brain power in one place.

My thanks to Dr Anderson for his astute power of observation.

dit dit

>
> For each of the following put a Y if you currently
> operate on the band or have equipment capable of
> operating on the band. Put a lower case y if you
> may be interested in operating on that band in the
> future but do not have the equipment to do so. Put
> an N if not interested in the band. Again, a single
> space minimum to allow computer processing.

>
> Q50. 160M y
> Q51. 80M Y
> Q52. 40M Y
> Q53. 30M Y
> Q54. 20M Y
> Q55. 17M Y
> Q56. 15M Y
> Q57. 12M Y
> Q58. 10M Y
> Q59. 6M n
> Q60. above 6M Y
>

Q50	160M	Y= 89	y= 44	N=49
-----	------	-------	-------	------

Q51	80M	Y= 156	y= 18	N=11
-----	-----	--------	-------	------

Q52	40M	Y= 184	y= 2	N= 0
-----	-----	--------	------	------

Q53	30M	Y= 157	y= 25	N= 4
-----	-----	--------	-------	------

Q54	20M	Y= 171	y= 13	N= 2
-----	-----	--------	-------	------

Q55	17M	Y= 122	y= 44	N=20
-----	-----	--------	-------	------

Q56	15M	Y= 163	y= 18	N= 5
-----	-----	--------	-------	------

Q57	12M	Y= 108	y= 51	N=27
-----	-----	--------	-------	------

Q58 10M Y= 157 y= 22 N= 7

Q59 6M Y= 39 y= 78 N=65

Q60 >6M Y= 113 y= 30 N=41

Chuck Adams (K5FO CP-60) adams@sgi.com

K5FO Tmps 1995 Qs=222 States=46 ConfirmedQs=127 DX=04 (0.95W)

K5FO Tmps 1996 Qs=089 States=34 ConfirmedQs=58 DX=04 (0.95W)

40M 49wkd/49cfmd - 30M 48wkd/48cfmd - 20M 50wkd/50cfmd (0.95W)

From owner-qrp-1@Lehigh.EDU Wed Aug 21 23:12:25 1996

From: wb8ygg@juno.com (Bradley S. Mitchell)

Subject: [2976] Ten Tec's QRP intro.

Message-ID: <19960820.170835.10255.1.WB8YGG@juno.com>

I am really interested to see what Ten Tec comes up with for QRP Rigs.

I suspect that they will probably put a twist on the norm, because what advantage would they have over others otherwise?

Let me list them:

1. They make their own boxes.
2. A full engineering staff.
3. Advertising, and International exposure.
4. Impeccable support. (I'm speaking from experience).
5. QRP in their roots. (they have been doing this for along time).
6. Success with recent kits, undercutting , and outperforming.

My disclaimer, I like Ten Tec, they have been good to me, and want to see even more excitement around QRP, and homebrewing!!

Have fun with QRP!

Brad WB8YGG

From owner-qrp-1@Lehigh.EDU Wed Aug 21 23:12:25 1996

From: af852@rgfn.epcc.Edu (William R Colbert)

Subject: [2959] viruses

Message-ID: <9608211523.AA27695@rgfn.epcc.Edu>

Re the posting on Hare - just got thru checking the McAfee site
(<http://www.mcafee.com>) and it is listed along with several other
new viruses. They have cleaning instructions and also have the
latest version of Scan (Scan251e.zip) for evaluation purposes.
Well worth taking a look at. 72/73 Ray

--

Ray Colbert, W5XE/V31XE, El Paso, Tx

From owner-qrp-1@Lehigh.EDU Wed Aug 21 23:12:25 1996
From: wylde@nccn.net (Grover Cleveland WT6P)
Subject: [2956] Who had the OHR display? (SFTBW)
Message-ID: <v02130502ae40d9c008e5@[205.139.74.183]>

Sorry for the bandwidth (SFTBW) (tm)

Please contact me. I have some questions about the display.

ta

Grover

- - -

P. Grover Cleveland WT6P / QRP/ARCI 3795 / ARS 101 / Norcal 216
Sr. Engineer - Tektronix/Grass Valley
Archaeominiferroequinologist
Fairmont Speeder Pilot
Certified Steam Locomotive Driver
Certifiably Loony

Can also be found at: cleveland@usa.net
grover.cleveland@tek.com
71213.2741@compuserve.com
<http://ourworld.compuserve.com/homepages/gcleveland>

From owner-qrp-1@Lehigh.EDU Wed Aug 21 23:12:25 1996
From: Russ1031@aol.com
Subject: [3002] Wow! A New World's Record for Qs per Pound
Message-ID: <960821233919_391147119@emout16.mail.aol.com>

Mike, W3TS, was having e-mail problems, so was unable to send me his Spartan Sprint log by the deadline. So I guess his accomplishment will have to be unofficial. But a magnificent accomplishment it was! While the rest of us were grumping about crummy band conditions, Mike completed 20 QSOs with a station that weighed .8 pounds, for a Qs per pound ratio of 25. Here's a copy of his e-mail to me:

Russ, sorry I missed you in Wednesdays Spartan Sprint. I have been busy reducing the weight of my gear.

Rig: SW40 in a cut down Bud box a little larger than a cassette tape, but now a thin cardboard back. That saves about 1 oz, but I don't think it would be real durable for field use. 7.5 oz.

"Ear Bud" ear phones from my kids Gameboy, 0.25 oz.

Keyer: A new circuit with minimum pcb and light weight parts and relay contacts for a paddle, 1.5 oz.

Power: 10 x N200AAA nicads, 3.5 oz.

Total station weight: 12.75 oz.

Antenna: 40 M inverted vee up 60 feet, no tuner used.

I only used 40 M and I made 22 QSO,s in the 2 hour period. I need to come up with a way to add 20M to my SW40 or make an SW20, but then that would up my station weight, but it would also up my QSO,s, so it just may be worth it. It seemed like activity was down some this time on 40, I didnt check 20 with my other rig so I don't know how active it was.

I sure enjoy these short contests, hope to work you in the next one.

TNX, 72 es 73,
Mike Michael, W3TS

From owner-qrp-1@Lehigh.EDU Wed Aug 21 23:12:25 1996

From: JFD <jdougher@wt.net>
Subject: [2950] Re: 49-er
Message-ID: <321B3438.1738@wt.net>

Dwayne Rich wrote:

>
>
> is there any mods I should do before I go and solder all of this
> together?
> > --
> Dwayne

Yep, I just finished my 49-er and wished I had:

1. installed the two chips with SOCKETS (avail at RS for 59cents a pair)
2. installed the "volume boost" mod with the 15K/1meg two resistors and cap. It works, but to put the components ABOVE BOARD is real tricky after the unit is built(especially soldering the 1 meg resistor to the audio cap(-) side). I don't have the exact URL for the audio mod here on my work machine, but check either the last issue of QRPP, or the NORCAL website. There's about a dozen 49-er mods listed there. If unable to locate, let me know, and I'll send from my home machine.

Hope you enjoy the project and have fun. I did.

73/72

KB0PJE

From owner-qrp-1@Lehigh.EDU Wed Aug 21 23:12:25 1996
From: GREGOIRE@ENDOR.COM (ERNEST GREGOIRE)
Subject: [2990] Re: Comments on MFJ QRP Tuner?
Message-ID: <199608212316.TAA40287@nss2.CC.Lehigh.EDU>

>Hi :
>
>I'm looking for some feedback from owners of the MFJ QRP Tuner.
>I think the model is 941??
>Michael
>VE3WMB

Hello Michael,

I like mine, but it had to be fixed up when I got it. Typical MFJ, loose screws, jumpers in the wrong place, sloppy solder job. Nothing that I couldnt fix. It works well now and has ever since I fixed it.

I recommend it.

de AA1IK
Ernie

From owner-qrp-1@Lehigh.EDU Wed Aug 21 23:12:25 1996
From: torell@sicom.com (Kent Torell)
Subject: [2961] Re: CTHA (doughnut antenna)
Message-ID: <v02130500ae40d7960d42@[192.91.202.41]>

>There's a new antenna on the block and
>its called a "Contrawound Toroidal Helical
>Antenna".

Not another antenna scam :-(

>This info from RCR magazine

What's RCR magazine? These miracle antennas are never reported in the 'reputable journals' (IEEE, etc.) Any comments, LB?

Sorry about the harsh tone here...early morning grouchies, I guess. I've seen a lot of money and time wasted on pseudo-science antennas in the past, and I *suspect* this is another one, although I would be happy to be proved wrong. I'm a tough customer tho ;-)

72, ab7oa

Kent Torell torell@sicom.com 602-483-2867 x40
SICOM 7585 E. Redfield, #202 Scottsdale, AZ 85260
AB7OA TMPS 1996 Qs=016 States=11 Confirmed=05 DX=01
AK AZ CA CO HI ID KS OK OR TX WA
VE

From owner-qrp-1@Lehigh.EDU Wed Aug 21 23:12:25 1996
From: sholla@panasonic.atlanta.com (Holland, Steve)
Subject: [2962] RE: CTHA (doughnut antenna)
Message-ID: <1996Aug21.123200.1619.43425@ntserver.panasonic.atlanta.com>

RCR is Radio Communications Report. It is a weekly report for the

wireless industry and has been around for a long time. . They do not analyze the information only make it known to interested individuals. It is reputable in what it does. They assume the person doing the announcement is legitimate and do not delve into the technical aspects.

For the information that it gives there is none better. For technical matters it is best to look elsewhere as you suggest.

I agree about the antenna. I will believe it when I see it and some real specs. This could be another antenna, like advertised in some reputable magazines , that uses all the power in your houses wiring to give you a sharp focused picture. I love to read the add because it is so hilarious. There are some antennas that are beyond belief even when they are reported in IEEE. Such as the Hockey Puck antenna. That is what we called it but I do not remember the name that it was called in IEEE. It used a slice of ferrite material resembling a hockey puck that was resonated by an inductive stub. It was really weird but my boss thought it was great. Thank goodness we never got time to actually build one. I personally like hearing about all these new antennas. It is very entertaining seeing what marketing can come up with next. I learned a long time ago to never say anything in jest to a marketing guy because he will sure try to sell it.

I hope this helps clear the air about RCR. As for the grouchies I like to ingest large doses of caffeine then I am so wired it doesn't matter anymore. 72 de N9HXX/4

Steve N9HXX/4
sholla@panasonic.atlanta.com
QRP-L # 555
NNN00NT-T

From: torell[SMTP:torell@sicom.com]
Sent: August 21 1996 12:03
Subject: Re: CTHA (doughnut antenna)

>There's a new antenna on the block and
>its called a "Contrawound Toroidal Helical
>Antenna".

Not another antenna scam :-(

>This info from RCR magazine

What's RCR magazine? These miracle antennas are never reported
in

the 'reputable journals' (IEEE, etc.) Any comments, LB?

Sorry about the harsh tone here...early morning grouchies, I guess.
I've seen a lot of money and time wasted on pseudo-science antennas in the past, and I *suspect* this is another one, although I would be happy to be proved wrong. I'm a tough customer tho ;-)

72, ab7oa

Kent Torell torell@sicom.com 602-483-2867 x40
SICOM 7585 E. Redfield, #202 Scottsdale, AZ 85260
AB70A TMPs 1996 Qs=016 States=11 Confirmed=05 DX=01
AK AZ CA CO HI ID KS OK OR TX WA
VE

From owner-qrp-l@Lehigh.EDU Wed Aug 21 23:12:25 1996
From: "L. B. Cebik" <cebik@utkux.utcc.utk.edu>
Subject: [2974] RE: CTHA (doughnut antenna)
Message-ID: <Pine.SOL.3.94.960821160845.28133E-100000@utkux4.utcc.utk.edu>

Someone asked for a comment by me on the counter-wound helical antenna. It is certainly possible, but do not run out and make an HF antenna right away.

I would need more information, but offhand, I'd say reliance on magnetic fields rather than electric fields may be most relevant to point-to-point communications. There have been a number of antennas in recent years utilizing in way way or another magnetic fields, but I have yet to see one yield a good HF antenna. There may be one or more that do, but I am not aware of anything in the literature yet that is able to be transposed into an HF antenna that is as efficient or more efficient than the variety of antennas we currently use.

If the article had more detailed information than the e-mail report, perhaps it should be reported in an article in QQ, QRPp, etc. It is no violation of copyright to report in a publication that an article in X journal (date, pages) announced the development of an antenna. . .(all the essential information to follow). The mounting data seemed most

interesting, and perhaps essential to antenna performance. However, all other numbers and descriptive data would also be needed for someone to make a test model.

I'd be happy to make up and measure a 10-meter model if I can receive enough data to make it possible.

-73-

LB, W4RNL

L. B. Cebik, W4RNL	/\	/\	*	/	/	/	(Off)	(423)	974-7215
1434 High Mesa Drive	/	\	\		----	/\---	(Hm)	(423)	938-6335
Knoxville, Tennessee	/\	\	\	/	/		(FAX)	(423)	974-3509
37938-4443 USA	/	\	\						cebik@utk.edu
QRP/ARCI 2572	G-QRP	7203	CQC	125	NEQRP	347	NORCAL	1111	MIQRP 1432
NWQRP 401	ARRL Life:	Educational	Advisor		QCWA	13211		10-10	41159

From owner-qrp-l@Lehigh.EDU Wed Aug 21 23:12:25 1996

From: George Gingell <k3tks@u1.abs.net>

Subject: [2984] Re: DE TMPs

Message-ID: <Pine.BSI.3.93.960821173538.5021B-100000@u1.abs.net>

Hi Bill,

Nice to hear from you again. Glad you got a chuckle out of the posting. Actually, I was somewhat serious. K5FO was Crying the blues about AK,RI, and DE a while back. I know if I had some of these guys money and wanted the QSO/QSL, I wouldn't hesitate sending a working rig and ready made antenna via UPS Blue. :^) IHe wanted the contact on 10 meters CW.

t reminds

me of a chap in CT who was desperate

for MD of all things. I gave him the phone number and told him to call me when he wanted me to come up on frequency. He had/has a job that brings him down this way a lot. I ran into him at Maryland Radio Center in Laurel when I was the MRC Technical Librarian and Official QRP Spokesperson. Tell you how we worked it. He wanted the contact on Ten Meters CW, so I got the idea of having him Monitor the Johns Hopkins QRP Beacon on Ten. When he could copy it, he was to give me buzz and I would look for him on 28.060 QRP Frequency. I figured that if he could hear the QRO (5 Watt) Beacon on the Vertical, He would have a chance at hearing my 1 watt on the big loop. (80 Meter. Horiz. A.O.G. Loop). Well, needless to say, it worked on the first try. Yes, the band was for all appearances "DEAD". Just goes

to prove one more thing, If "Everyone Thinks the band is Dead, IT IS!"
"You can't work 'em if you can't hear them!" Lets hope you decide to get
on the Nets soon also. :^) If I can get AK,WY,MT,RI, & DE active on the
Nets again, I can put new life into them, with or without "Sun spots" :^)
Oh yes, Back to the Rig talk. I am pleased with my QRP Plus, in spite of
all the pros and cons that have been said about it. If I ever come across
the extra bucks, I will buy another one. The QRP Plus, Plus. (Newest
Model). I would also like to have a Ten-Tec OMNI VI in the shack, but I
would have to hit the lottery or have a rich uncle pop up somewhere. :^)
Neither of which is likely. If I were going to buy a Single band rig for
30 Meters, I would likely pick a SW-30 (Small Wonder Labs. NN1G Rig), or
an OHR-100. I don't know much about it yet, since it has only recently
come on the market. Judgeing from their previous examples, I doubt it you
can go wrong with it or the 4 Band rig that they make. I personally have
a Wilderness Radio NC40-A for a single band fun box to take on vacation
with me. I havn't tryed it with a kite Antenna yet, but that is in the
plans. I also have a Wilderness Sierra with Six Band Modules. It is still
under construction. So far so good. I have the basic unit built and ready
to begin adjustment. I did turn it on once, NO SMOKE! :^) That is a
hopeful sign. I actually heard noise from it as well. I have been so
involved with other things, it has been hard to find time to do any
electronic construction for most of the Summer. I am in the process of
remodeling my basement to boot. Can't find a thing. :^) So, there you
have it, my personal recommendations for how to get on 30, etc.
It all depends on how much you want to spend and how much you want to
do yourself. I might add that the Sierra will also sport a new KC-2
Keyer/Display before the year is out. That Wayne never ceases to ammaze
me. The bottom line is that 95-96-97 seem to be the QRP Build it years.
I can't even imagine what will come out next. Between the new clubs and
all the new rigs, it will keep us broke. :^)

72 es QRP DX TU (C) 1986 G.Danny Gingell, K3TKS@abs.net
Maryland Milliwatt Club QRP Reference Library, (301)572-6789

From owner-qrp-l@Lehigh.EDU Wed Aug 21 23:12:25 1996
From: Mike Cloud <cloudm@mhsgate.meth-mem.org>
Subject: [2975] RE: FS: Miniature Keys
Message-ID: <8E301B3201172C16@mhsgate.meth-mem.org>

>

> From: "William C. Robbins" <billrobb@serv01.net-link.net>

>

I am sending this message to the fellow qrp-l'er I got a couple of minature SKs
from as
well as the list, in hopes that someone can identify the lil'buggars.

>
 Got 'em today, Bill. Tnx. I really like the touch and feel of the "covered" key. Feels pretty good.
 Showed it to the guy here at work who was my original 'Elmer' and he liked it as well. Hinted that it would make a fine xmas present, hi hi.
 The smaller key appears to work remarkable well. It's size and configuration no doubt is a sign from God that I need to build another kit (Sprint2, OHR100?).
 Do you know anything abt these keys? The larger, covered one has the name "G. JARDILLIER" and "Ref: 1955 M" on it. The smaller one has the characters "6B" on the left side.

From owner-qrp-l@Lehigh.EDU Wed Aug 21 23:12:25 1996
 From: Raymond Sommers <rsommers@worf.uwsp.edu>
 Subject: [2963] Re: Ham and Military Manuals Sources?
 Message-ID: <Pine.BSI.3.91.960821113518.10382A-100000@worf.uwsp.edu>

On Mon, 19 Aug 1996, Dennis Edinger wrote:

> had manuals for both ham and military equipment. I thought I
 > bookmarked the link, but alas...
 >
 maybe you are thinking of:

Linkname: Military Equipment List
 URL:
<http://linux.cec.army.mil/htbin/billcnt/hamradio/equipment/mi.htm>

_ _ _ _ ' _ ' _ ' _ ' _ '
 | | | _ (_ / | _ / / '
 |/\| | _ / the | ,ittle | \ ilowatt \ , uster (Wisc.)
 ~ ~ ~ ' ~~~ ~ ~ from ~

Ray Sommers, rsommers@worf.uwsp.edu
 WB9LKC QRP-L #8-) qrp ARCI #3816 NorCal #1423

From owner-qrp-l@Lehigh.EDU Wed Aug 21 23:12:25 1996
 From: "David D. Meacham" <ddm@datatamers.com>
 Subject: [2999] Re: Jim Cates & QRPP Journal
 Message-ID: <Pine.LNX.3.91.960821192045.17165B-100000@dt1.datatamers.com>

Duane,
 Jim's address is: wager@juno.com
 72, Dave, W6EMD

From owner-qrp-1@Lehigh.EDU Wed Aug 21 23:12:25 1996
From: adams@chuck.dallas.sgi.com (chuck adams)
Subject: [2946] Re: keyers
Message-ID: <199608211313.NAA28747@chuck.dallas.sgi.com>

Dan et.al.,

Thanks for the posting on the Iambic keying.

The only problem that I have is that dit is the thumb and dah is the finger. I'm right handed and it could be that you are left. Historically this is caused because the 'bug' mechanism had the dits on the left-hand side and thus required a push on the paddle to the right again requiring the thumb to be used.

People using the right side of their brain, i.e. left-handed persons, will do it the opposite way from what I've written above.

Now gang, if you have been doing just the opposite as what I have written above don't panic. It doesn't matter unless you go over to someone else's station to operate. The only thing that matters is what I hear on the other end of the QS0. And of course that should be good code, properly spaced, and at a speed appropriate for the propagation conditions. Sometimes 30 wpm won't work for very weak signals and high QRN levels like on 40M this week. :-)

All things being equal, the proper spacing (at any speed) is 1:1:3:5:7 for inter-element, dit, dah, letter, and word spacing respectively. Farnsworth is fine up to 13-15 wpm and after that try to give it up as it becomes a hinderance. We'll get some discussion started on that topic I'm sure, but I personally don't want to do 20wpm spacing with 45wpm characters. It just doesn't sound well to me, kinda like drawing the fingernails across a blackboard. Some of you will remember the joys of the class clown doing that (I was the class clown but I never did that :-)).

Check the archives for the last three years. The topic of keying, paddles, and everything you've ever wanted to know about CW has probably been brought up and discussed. :-)

And no, I can't send CW with a converted mouse. :-) Why do you think we have an opposing thumb and first finger? Of course, it's for using a Iambic Paddle. double :-)

dit dit

Chuck Adams (K5FO CP-60) adams@sgi.com

K5FO TMPS 1995 Qs=222 States=46 Confirmed=127 DX=04 (0.95W)

K5FO TMPS 1996 Qs=084 States=33 Confirmed=54 DX=04 (0.95W)

40M 49wkd/49cfmd 30M 48wkd/48cfmd 20M 50wkd/50cfmd (0.95W)

From owner-qrp-l@Lehigh.EDU Wed Aug 21 23:12:25 1996
From: Monte Stark <ku7y@sage.dri.edu>
Subject: [2955] Re: keyers
Message-ID: <Pine.SUN.3.90.960821081056.1995E-1000000@vortex.sage.dri.edu>

On Wed, 21 Aug 1996, chuck adams wrote:

>
> People using the right side of their brain, i.e. left-handed persons,
> will do it the opposite way from what I've written above.
>

Don't forget that when you are at someones else's place and they
have their paddles "backwards" from what you like, just turn them
upside down and bingo, it's your way! :-)

This works fine on field day, multi op contests and etc.

cul,

73, Ron,

.....KU7Y.....ARCI #8829.....Monte "Ron" Stark.....
....ku7y@sage.dri.edu.....Washoe Lake, Nevada....
....QRP-L #17...ARS #49...NorCal #330.....NRA LIFE.....

From owner-qrp-l@Lehigh.EDU Wed Aug 21 23:12:25 1996
From: Stan Goldstein <stan@cruzio.com>
Subject: [2996] Re: Kit Building
Message-ID: <321BBCCA.5056@cruzio.com>

wk9t@juno.com wrote:

>
> Hi gang. Although I've been lurking here for a while, this is my first
> post. I have decided I want to build a multi-band QRP rig and have
> narrowed the field down to the OHR-400 and the Wilderness Sierra. Right
> now I'm kind of leaning toward the Sierra. I would appreciate any
> comments, pro or con, from anyone who has built either one or both of
> these kits. Please comment on quality of kit, quality of assembly manual
> and any comments on how well the rig operates under various conditions.
> Also if anyone has good experiences with any other multi-band kits in
> the \$300 price range please comment.

I have both and the winner , hands down , is the Sierra.

1. building : figure on 40-50 hours to build ,debug and align the ohr.
There is a lot of chasis wiring that needs to be done.

For the Sierra, building and alignment went in about 1/4 of that time. Significantly less parts count, no chasis wiring, and easy alignment.

2. field considerations : current drain , this is only important for the field, however the Sierra is about 25 mils and I think the 400 is 150.
The Sierra is smaller and lighter.

3. operating: Bands, more available for the Sierra , Qsk , The 400 qsk does not seem to work as qsk (ie I cant hear between the dits and dahs as I shud w/ true qsk). What it appears to be is a smooth T/R switch.

The Sierra is true qsk and since I like to rag chew , I find it indispensable. Filtering on the 400 is audio and I'm not thrilled with it, on the other hand the variable filter on the sierra (I put in a front panel pot) is a neat function. Aslo the IF filtering on the Sierra seems tighter.

I couldn't run the 400 off 3 different power supplies that I own due to AC hum getting into the audio. Those same power supplies have all worked f/b on 5 other qrp rigs.

Drift, some with the 400, not a major problem, none noted with the Sierra.

4. receive specs : Lots of room for argument here as each unit can vary considerably

but I think the nod goes to the sierra here (see various writeups in various ham mags).

- 5 . Tx 7 watts out on the 400, I worked to get 4-5 out on the Sierra.

6. Mods : I find it fun to do mods on the rig to tailor it to my needs, There are a bunch around for the Sierra, When I asked Ohr about 'em , I was told something like " the radio wasn't designed for that ".

As far as quality of the rigs and instruction manuals, both are good quality and well done.

Am I biased ? You bet. Am I affiliated in any way with either organization ? Nope.

Stan , N6ULU

From owner-qrp-1@Lehigh.EDU Wed Aug 21 23:12:25 1996
From: George Gingell <k3tks@u1.abs.net>
Subject: [2978] Re: KnightLite Net Report for August 19 UTC
Message-ID: <Pine.BSI.3.93.960821171225.5021A-100000@u1.abs.net>

TKS for the report.

I actually turned on the rig fer a few minutes before dinner last night. I have the QRP Plus embedded in the bookcase in the office now. It has access to the 80 & 40 Meter loops thru an MFJ-941D ? ATU. It has the Bencher and The QRP KEY connected. The Argonaut 515 with 8 Amp power supply and 405 Linear Amplifier and an Autek QF1A filter are also in the bookcase. (Not hooked up, Yet FYI "Mike") :^)

The Argonaut 509 Setup is in the Library Desk Guest Station, Waiting for a couple of new antennas. (Hopefully in the Fall). Probably a Zepp with "Twin 75 Feeders" The new Secret weapon. It could also become a Sterba Curtain or a Carolina Windom! It will definitely be one of those. Why? 'Cause I don't have one yet! :^). If I could just train the Squirrels and Spiders I would have some great antennas. :^) I heard a LX/G4???/p station on 10.102 but couldn't raise him on 1 watt. I thought I had him once, but another K3 beat me out. I am sure he was running more than 1 watt. :^) Now that I am almost back on the air, I will have to set an ALARM or something to remind me of checking the KL Net Freq on Sunday NITE. Maybe I could get one of the computer wizards to figure out a way to put an interface on the PC that would flash the room lights or something like that when ever I get some Email about the KL Net. :^) Then it would just be a matter of having the NCS put out a wakeup call just before the net. :^) :^) :^)

You don't have to be crazy to belong to this group, but it helps... :^)

QRP DX TU (C) 1986 G.Danny Gingell, K3TKS@abs.net
Maryland Milliwatt Club QRP Reference Library, (301)572-6789
On Wed, 21 Aug 1996, Dave Johnson wrote:

> Howdy KnightLites and other QRPers!

>

> This is a report of last Sunday's session of the KnightLite Round Table
> (net) on 3710 kHz. When I tuned into the net freq all I heard were a
> couple VE1s talking (cw), and I kept tuning around to see if I could
> find the net. Nada. So I fired up on 3709 and found Jeff, AC4Z0, and
> Warren, AD4ZE. Jeff was 599 here, and was running about 9 watts to an

> 80m dipole fed with twin lead. Warren was 569 here, and was running 1 W
> to an 80m dipole. I was running 5 watts to my "Lew McCoy dipole" (the
> one cut to fit between the trees and fed with ladder line).
>
> Jeff let us know he would be going to the board meeting of the Raleigh
> Amateur Radio Society (RARS) and would ask for support for the Ukrainian
> Ham project. This is the one where we are collecting donations of books
> and magazines and such, for shipment to our ham friends in the Ukraine.
>
> The noise level was high, and I strained to listen, and asked for help
> with any relays (QSP?) but heard no one else. If you have been trying
> to join us on the net, please keep trying, as the summer noise will wane
> eventually.
>
> Please join us when you can on the KnightLite Round Table (net), Sundays
> nights (UTC Mondays 0200) on 3710 kHz, and pound some brass!
>
> 72,
>
> Dave WA4NID
>

From owner-qrp-1@Lehigh.EDU Wed Aug 21 23:12:25 1996
From: lve1@inel.gov (Larry V East)
Subject: [2953] RE: Nibbler
Message-ID: <2.2.16.19960821151020.27d728f2@134.20.173.29>

>
>SO... If somebody knows that nibblers can still be purchased,
>and they know where me and Gary can purchase a new nibbler,
>I would appreciate it. (Gary will appreciate it too, but he does
>not know that yet.)
>

Gee, I bought one a couple of years ago at Radio Shack. But RS seems to be
good at discontinuing anything useful so they probably don't have 'em any
more...

From owner-qrp-1@Lehigh.EDU Wed Aug 21 23:12:25 1996
From: ukii@megsinet.net (ukii)
Subject: [2967] RE: Nibblers
Message-ID: <01BB8F68.C3C41940@john-s-new1>

Howdy all..

I just came back from my local R/S and they indeed do still carry the nibbler tool. The manager told me ALL stores can still get this item. They may not have it in stock, but certainly can get it within a few days. The price is 10.99 each or 6-11 for 10.22. There is greater discounts for multiple unit purchases.

Bottom line (nibbled though) THEY HAVE UM.

Best 73 de john N9UKX

pse, someone know where i can get the monthly virus definitions? I use McAfee and tried their homepage, but can't find it there???

From owner-qrp-1@Lehigh.EDU Wed Aug 21 23:12:25 1996
From: GREGOIRE@ENDOR.COM (ERNEST GREGOIRE)
Subject: [2991] Re: QRP ++ INFO
Message-ID: <199608212316.TAA54884@nss2.CC.Lehigh.EDU>

>I AM CONSIDERING THE PURCHASE OF THE INDEX LABS QRP + (NEW VERSION)

>

>72 BRAD BRITTON

>VE7IRS

>

Hello Brad, The rig is super. Not perfect, but for the price, you can't beat it. It's my main rig, one of 4, all QRP.

73 de AA1IK
Ernie

From owner-qrp-1@Lehigh.EDU Wed Aug 21 23:12:25 1996
From: "Jim R. Hatfield" <jhatfiel@mail.orion.org>
Subject: [2994] Re: resource directory
Message-ID: <Pine.SOL.3.91.960821193528.12004A-100000@orionc0>

I also sent \$5.00 to Colo.QRP Club for the Resource Directory, The check cashed but haven't heard anything yet, perhaps some one from the club will post something so we won't be left in the dark.

Jim Hatfield
Springfield Mo. 73's

On Tue, 20 Aug 1996, MARK MILBURN wrote:

> Hi guys....
> when I first got interested in QRP and joined this list, it was
> recommended that I send \$5.00 to the Colo QRP Club for a "Resource
> Directory" which would give the various rigs available and their
> features. I did that on July 2, and so far no directory. I know it's
> summer, and all this stuff is done by volunteers, so I'm not upset,
> just wonder if it's time to think that maybe the order got lost, or
> should I wait a little longer before thinking such thoughts?
> Maybe somebody in the club could let me know.
> 73, Mark
>
>
> ... nfx v2.6 [C0000] QRP ARCI #9226 - ARS #139 -NW QRP #418 - ARRL
>
>

From owner-qrp-1@Lehigh.EDU Wed Aug 21 23:12:25 1996
From: Mike Cloud <cloudm@mhsgate.meth-mem.org>
Subject: [2971] RE: solar pwr only
Message-ID: <241E1B3201172C16@mhsgate.meth-mem.org>

>
> From: Robert Morgenstein <robertm@haven.ios.com>
>
>Hi to all;
>I need some help/info. I have an HW-8 and I have 2 solar panals when in
>parallel generate 14V@ 0.5 A. This is enough to run the HW-8 during
>xmit. according to the specs of the HW-8. My question is, will this
>work?
>In other words can I run the HW-8 straight off the solar panals in the
>real world. I use this at the beach in Florida with the Atlantic Ocean
>as my grnd, the Ant. is a home brew vert for 20m.
> Thanks for any input.
>73'2 Bob WA2EAW
>
>

I read an article probably 1 1/2 - 2 yrs ago in one of the ham rags
(yah I know that doesn't help much) abt a guy who was running
his hw7 or 8 directly off of his panels (no intervening battery or
controller, as I remember). I remember that the gist of his comments
was that it worked well for him with his simple radio. I explored
this route for use with a MHJ9040, a OHR Sprint, and my QRP+.
What I discovered was that my panels (a pair of solarex 12v) would

put out up to 21 volts in bright enough light (high noon straight up) and that without an intervening battery and controller, I would literally fry my equipment. I know the amporous (sic?) panels don't put out the potential voltage of the polycrystal panels so if you know for absolute sure that your panels are incapable of building up such a high voltage you're probably ok at that end. I also discovered that the MFJ positively/absolutely wont work correctly if the voltage drops below abt 11 volts and the OHR is even worse. I gut feeling is that fancy microprocessor controller rigs like the Index Labs wont work at best and could be easily distroyed in the worst case. The way I run my portable rigs now is PV to controller to 4amph battery. My portable PV array is capable of putting out up to 750 ma which closely matches my average power needs while in an active QSO. I burn abt 1.5 amps on xm and 200 ma in receive. cul de Mike, KR4IT

From owner-qrp-l@Lehigh.EDU Wed Aug 21 23:12:25 1996
From: rright@primenet.com (Roger Hightower)
Subject: [2936] Re: square holes
Message-ID: <199608210516.WAA07885@primenet.com>

The part number for the RS nibbling tool is 64-823, priced at \$10.99. Works well and well worth the price.

72/73 de Roger AA7QY

NorCal 1099 CoQRP 176 QRP-L 62 G-QRP 9081 ARCI 8946 NE-QRP 383

From owner-qrp-l@Lehigh.EDU Wed Aug 21 23:12:25 1996
From: "Phil, AC6LS" <ac6ls@amsat.org>
Subject: [2941] Re: Square holes
Message-ID: <321AC168.19FC@amsat.org>

Chris J. Cartwright - ELF wrote:

> Show off! :) Way back in the "old" days I used to use chassis
> punches, you know, drill a 1/4" hole, thread the two halves together,
> tighten it up and voila! a hole the size of the punch.

I recall those too, my question to the group is:

Is there a chassis punch for the BNC connectors, you know the ones that

are

flat on one side.?.

73 de Phil

From owner-qrp-1@Lehigh.EDU Wed Aug 21 23:12:25 1996

From: John D Young <jdy@whitney.ufl.edu>

Subject: [2949] Re Square holes

Message-ID: <Pine.LNX.3.91.960821094529.29955A-100000@whitney.ufl.edu>

To add to what others have said - Radio Shack carries a "nibbling tool"
stock # 64-823 for \$10.99.

Try it, you'll like it.

73 John

WA8KNE